

## QUESTION

Can butterflies fly if it is cold?



Mourning Cloak Butterfly

## QUESTION

Do butterflies taste with their feet?



Monarch Butterfly

## QUESTION

Do butterflies live on insects and worms?



Eastern Tiger Swallowtail

## QUESTION

Do butterflies drink from mud puddles?



Zebra Swallowtail

## **ANSWER**

**TRUE**

Taste receptors on a butterfly's feet help it find its host plant and locate food. They smell through their antenna.

## **ANSWER**

**TRUE**

A butterfly's body temperature is affected by the temperatures of its surroundings. If it is too cold butterflies must warm up their bodies in order fly.

## **ANSWER**

**TRUE**

A butterfly needs minerals. To add to its diet of nectar, a butterfly will sip from mud puddles called "puddling" which are rich in minerals and salts.

## **ANSWER**

**FALSE**

Adult butterflies can only feed on liquids, usually nectar. They cannot chew solid foods. They drink through their proboscis which functions as a drinking straw.

## QUESTION

**A newly emerged butterfly cannot fly?**



Black Swallowtail

## QUESTION

**Butterflies usually live just 2 to 4 weeks?**



Question Mark Butterfly

## QUESTION

**Butterflies employ all kinds of tricks to keep from being eaten?**



Common Buckeye

## QUESTION

**A butterfly's lifecycle is made up of four parts?**



Monarch Butterfly Egg

## **ANSWER**

**TRUE**

Though some butterflies can live up to 8 months (monarch, mourning cloaks) most live just a few short weeks. During that time they eat and lay more eggs.

## **ANSWER**

**TRUE**

After emerging from its chrysalis the butterfly must expand their wings by pumping body fluid through their wing veins. Once the wings are full size they have to rest for a few hours to allow their body to dry and harden before they can take flight.

## **ANSWER**

**TRUE**

There are four separate stages, each of which look completely different and serve a different purpose in the life of the insect.



## **ANSWER**

**TRUE**

Some butterflies will fold their wings in to look like leaves, some wear bold colors to show they will taste bad, and others have eyes on their wings that mimic a larger animal and scare predators away.



## QUESTION

There are no differences between moths and butterflies?



Luna Moth

## QUESTION

If you touch a butterfly's wing, does it die?



## QUESTION

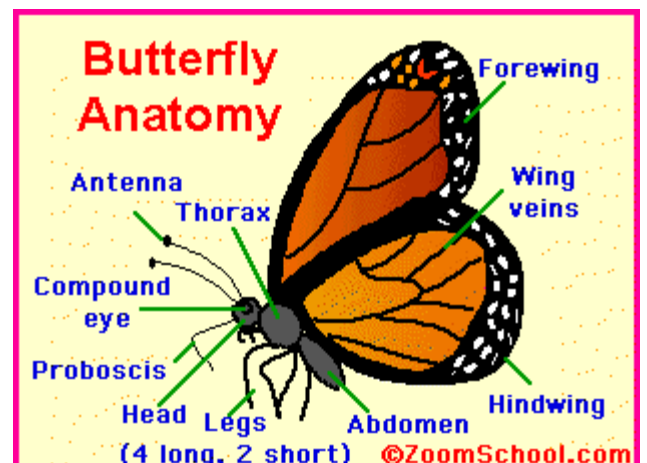
A caterpillar has as many as 4,000 muscles in its body.



Monarch caterpillar

## QUESTION

A butterfly has ten basic body parts?



## ANSWER

### TRUE and FALSE

If you rub too many of the protective scales off the butterfly or moth it will die. When you touch the wing of a butterfly or moth, some dust seems to rub off on your fingers. This dust is scales and they help the butterfly to fly and are responsible for the colors we see on their wings. It is generally not a good idea to touch a butterfly or moth's wings.

## ANSWER

### FALSE

They both come from the same order Lepidoptera, They do have differences but does not apply to all.

Insect	Butterfly	Moth
<b>Antennae</b>	rounded clubs on the ends	thin or often feathery
<b>Body</b>	thin and smooth	thick and fuzzy
<b>Active</b>	during the day	during the night
<b>Color</b>	colorful	dull
<b>Pupal Stage</b>	chrysalis	cocoon
<b>Wings</b>	held vertically when resting	held flat against body when resting

## ANSWER

### FALSE

Butterflies have three basic parts like other insects; the head, thorax and abdomen. Butterflies do not have jaws and instead sip liquid food through a tube-like tongue called a proboscis.

## ANSWER

### TRUE

Humans have just 629 muscles in a considerably larger body. The caterpillar's head capsule alone consists of 248 individual muscles, and about 70 muscles control each body segment.